Amendments to the Claims

The current listing of the claims replaces all previous amendments and listings of the claims.

1. (Currently Amended) A communications system, ~~which comprises~~ comprising:

a multiplicity of mobile devices, to which an identification module is connected in each case, in which identification modules a user identification of the user of the respective mobile device is configured to be stored in each case,

~~which communications system comprises~~ at least one visitor location register, to which visitor location register user identifications of the users are configured to be transmitted each by ~~means of~~ one of the mobile devices and are to be stored there, ~~and~~

~~which communications system comprises~~ at least one home location register, in which the user identifications are each configured to be linked to a call number and to further user data~~, which user data comprise~~ comprising location information for a respective user, the location information ~~being~~ configured to be transmitted from [[a]] the visitor location register to the home location register of a user, ~~wherein~~ and

~~it comprises~~ connecting modules, by ~~means of~~ which connecting modules one of the mobile devices in each case is configured to be connectible by a user to a ~~lower~~ low voltage grid, the connecting modules each comprising a connecting plug ~~for connection~~ configured to connect to the low voltage grid, by ~~means of~~ which connecting plugs the connecting modules are each ~~connectible~~ configured to be connected to the low voltage grid via outlets of the low voltage grid, and the connecting modules comprising an interface module ~~for connection~~ configured to connect to the respective mobile device, ~~and~~ wherein

the connecting modules each comprise a ~~suitable~~ power line communications module by ~~means of~~ which the respective mobile device is ~~able~~ configured to communicate via the

low voltage grid with other units ~~which are~~ connected to the low voltage grid via [[a]] the power line communications module, and wherein

at least one visitor location register is connected to at least one low voltage grid by the power line communications module included in the at least one visitor location register, and wherein user identifications are configured to be transmitted to the at least one visitor location register via the low voltage grid by respective mobile devices.

2. (Canceled)

3. (Currently Amended) The communications system according to claim [[2]] 1, wherein the power supply network visitor location register comprises a table in which address data relating to connecting modules are configured to be linked to associated user identifications and are to be stored.

4. (Currently Amended) The communications system according to claim 3, wherein the power supply network visitor location register ~~transmits~~ is configured to transmit to the home location register of a user a roaming number relating to the mobile device of this user, and wherein the roaming numbers are additionally configured to be linked in the table with associated user identifications and are to be stored.

5. (Previously Presented) The communications system according to claim 4, wherein at least certain of the roaming numbers comprise address data relating to a connecting module.

6. (Currently Amended) The communications system according to claim [[2]] 1, wherein at least certain ~~pieces~~ of the location information comprise address data relating to the power supply network visitor location register.

7. (Currently Amended) The communications system according to claim [[2]] 1, wherein the communications system comprises a connecting network via which the power

supply network visitor location register is ~~able~~ configured to communicate with at least one home location register and/or at least one mobile switching center.

8. (Currently Amended) The communications system according to claim 7, wherein the connecting network comprises one of a SS7 ~~signalling~~ signaling system, ~~or is,~~ the Internet ~~or,~~ and an intranet.

9. (Currently Amended) The communications system according to claim 7, wherein the power supply network visitor location register is ~~set up in such a way that it is able~~ configured to communicate, by means of MAP messages, with other network units connected to the connecting network.

10. (Currently Amended) The communications system according to claim 7, wherein the power supply network visitor location register comprises a gateway module~~, which gateway module is able~~ configured to pass on calls from terminals to respective mobile devices~~, which~~ when the calls have been passed on via the connecting network to the power supply network visitor location register, and ~~which~~ the gateway module is ~~able~~ configured to pass on calls from respective mobile devices via the connecting network to a respective network unit~~, in particular~~ including a second power supply network visitor location register, ~~for~~ to further ~~transmission~~ transmit to a called terminal.

11. (Currently Amended) The communications system according to claim [[2]] 1, wherein the power supply network visitor location register comprises a gateway module~~, which gateway module is able~~ configured to pass on calls from terminals to respective mobile devices~~, which~~ when the calls have been received from a mobile switching center and have been passed on to the power supply network visitor location register, and ~~which~~ the gateway module is ~~able~~ configured to pass on to a respective mobile switching center calls from respective mobile devices ~~for~~ to further ~~transmission~~ transmit to a called terminal.

12. (Currently Amended) The communications system according to claim [[2]] 1, wherein the power supply network visitor location register comprises a billing module ~~which is able~~ configured to record and bill for services that have been carried out for a respective mobile device.

13. (Currently Amended) The communications system according to claim 12, wherein the billing module is ~~able~~ configured to bill recorded services to a respective mobile device directly via the low voltage grid.

14. (Currently Amended) The communications system according to claim 1, wherein the interface module comprises at least one of an interface with contacts, a contactless infrared interface, a contactless inductive interface ~~and/or~~, and a contactless high frequency radio interface.

15. (Currently Amended) The communications system according to claim 1, wherein the connecting modules comprise charging modules by ~~means of~~ which energy storage devices ~~for operation of~~ configured to operate the mobile devices are chargeable on the low voltage grid.

16. (Currently Amended) A communications method ~~in which~~ comprising:

storing in identification modules user identifications of users of a multiplicity of mobile devices ~~are each stored in an identification module~~, ~~which~~ the identification modules ~~are~~ connected to the mobile devices,

~~in which communications method~~ transmitting by one of the mobile device to a visitor location register and storing in the visitor location register the user identifications of the users ~~are each transmitted by means of one of the mobile device to a visitor location register and are stored there~~,

~~and in which communications method~~ linking to a call number and to further user data and storing in a home location register the user identifications ~~are each linked to a call~~

~~number and to further user data and are stored in a home location register~~, the user data comprising location information for a respective user, ~~and~~

transmitting the location information ~~being transmitted~~ from [[a]] the visitor location register to the home location register of a user, ~~wherein~~

connecting by the users at least certain of the mobile devices ~~are connected by the users~~ to a low voltage grid ~~in each case~~ by ~~means of~~ a connecting module, the ~~respective~~ connecting module being connected to ~~the~~ a low voltage network ~~in each case~~ by ~~means of~~ a connecting plug of the ~~respective~~ connecting module via outlets of the low voltage network, and the ~~respective~~ connecting module being connected to the respective mobile device by means of an interface module of the respective connecting module, and

communicating the respective mobile device, by ~~means of~~ a ~~suitable~~ power line communications module of the ~~respective~~ connecting module ~~communicates~~, via the low voltage network, with other units, which are connected to the low voltage grid via [[a]] the power line communications module,

wherein the visitor location register is connected to the low voltage grid via the power line communications module included in the visitor location register, and wherein the user identifications of mobile devices are transmitted to the visitor location register via the low voltage grid by the mobile devices.

17. (Canceled)

18. (Currently Amended) The communications method according to claim ~~17~~ 16, wherein address data relating to connecting modules are linked with associated user identifications and are stored in a table of the power supply network visitor location register.

19. (Previously Presented) The communications method according to claim 18, wherein the power supply network visitor location register transmits to the home location register of a user a roaming number relating to the mobile device of this user, and wherein

roaming numbers are additionally linked in the table with associated user identifications and are stored.

20. (Previously Presented) The communications method according to claim 19, wherein at least certain of the roaming numbers comprise address data relating to a connecting module.

21. (Currently Amended) The communications method according to claim ~~17~~ 16, wherein at least certain ~~pieces~~ of the location information comprise address data relating to a power supply network visitor location register.

22. (Currently Amended) The communications method according to claim ~~17~~ 16, wherein the power supply network visitor location register communicates, via a connecting network, with at least one of a home location register ~~and/or at least one~~ and a mobile switching center.

23. (Currently Amended) The communications method according to claim 22, wherein the connecting network comprises at least one of a SS7 ~~signalling~~ signaling system ~~or is,~~ the Internet ~~or~~, and an intranet.

24. (Currently Amended) The communications method according to claim 22, wherein the power supply network visitor location register communicates by means of MAP messages with other network units connected to the connecting network.

25. (Currently Amended) The communications method according to claim 22, wherein the power supply network visitor location register passes on calls from terminals, by ~~means of~~ a gateway module to respective at least certain mobile devices~~, which~~ when the calls have been passed on via the connecting network to the power supply network visitor location register, and wherein the power supply network visitor location register passes on, by ~~means of this~~ the gateway module, calls from the at least certain mobile devices via the

connecting network to a respective network unit~~, in particular~~ including a second power supply network visitor location register, for further transmission to a called terminal.

26. (Currently Amended) The communications method according to claim ~~17~~ 16, wherein the power supply network visitor location register passes on, to respective at least certain mobile devices, by ~~means of~~ a gateway module calls~~, which have been~~ received by a mobile switching center from calling terminals and have been passed on to the power supply network visitor location register, or respectively passes on to a respective mobile switching center, by ~~means of this~~ the gateway module, calls from at least certain mobile devices for further transmission to a called terminal.

27. (Currently Amended) The communications method according to claim ~~17~~ 16, wherein the power supply network visitor location register records and bills for services~~,~~ ~~which have been~~ carried out for a respective at least certain mobile device, by ~~means of~~ a billing module.

28. (Previously Presented) The communications method according to claim 16, wherein the billing module bills recorded services to a respective at least certain mobile device directly via the low voltage grid.

29. (Currently Amended) The communications method according to claim 16, wherein the interface module comprises at least one of an interface with contacts, a contactless infrared interface, a contactless inductive interface ~~and/or~~, and a contactless high frequency radio interface.

30. (Currently Amended) The communications method according to claim 16, wherein, by ~~means of~~ charging modules, the connecting modules charge on the low voltage grid energy storage devices for operation of the mobile devices.

31. (Currently Amended) A connecting module for a communications system ~~according to claim 1~~ including a multiplicity of mobile devices, to which an identification

module is connected in each case, in which identification modules a user identification of the user of the respective mobile device is configured to be stored in each case, at least one visitor location register, to which visitor location register user identifications of the users are configured to be transmitted each by one of the mobile devices and are to be stored there, and at least one home location register, in which the user identifications are each configured to be linked to a call number and to further user data including location information for a respective user, the location information configured to be transmitted from the visitor location register to the home location register of a user,

~~which~~ the connecting module is ~~set up in such a way that users of mobile devices are able~~ configured to connect at least certain of the mobile devices to ~~the~~ a low voltage grid in each case by ~~means of~~ the connecting module, the connecting module comprising a connecting plug ~~for connection~~ configured to connect to the low voltage grid, by ~~means of~~ which connecting plug the connecting module is ~~connectible~~ configured to be connected to the low voltage grid via outlets of the low voltage grid, and the connecting module comprising an interface module ~~for connection~~ configured to connect with a respective mobile device, and

~~which~~ the connecting module comprises a ~~suitable~~ power line communications module, by ~~means of~~ which the respective mobile device is ~~able~~ configured to communicate via the low voltage grid with other units ~~which are~~ connected to the low voltage grid via [[a]] the power line communications module, and

the connecting module configured to store address data by which the connection module is addressable in the low voltage grid and by which the connection module is configured to be linked to associated user identifications in a visitor location register connected to the low voltage grid via the power line communications module.

32. (Canceled)

33. (Currently Amended) The connecting module according to claim 31, wherein the interface module comprises at least one of an interface with contacts, a contactless infrared interface, a contactless inductive interface ~~and/or~~, and a contactless high frequency radio interface.

34. (Currently Amended) The connecting module according to claim 31, ~~wherein it comprises~~ further comprising:

a charging module by ~~means of~~ which an energy storage device ~~for operation of~~ configured to operate a mobile device is chargeable on the low voltage grid.

35. (Previously Presented) The connecting module according to claim 31, wherein the at least certain mobile devices each comprise a mobile radio telephone.